



Application No. 10/664,605
Amendment Dated May 23, 2006
Reply to Office Action of February 27, 2006

Replacement Sheet

Figure 3A

CNP 1-22

G L S K G C F G L K L D R I G S M S G L G C
↑ ↑ ↑ ↑ ↑

Figure 3B

CNP 5-22

C F G L K L D R I G S M S G L G C

Figure 3C

Human ANP:

Human BNP-32:

Human CNP 1-22:

S I R R S S C F G G R M D R I G A Q S G L G C N S F R Y
S P K M V Q G S G C F G R K M D R I S S S S G L G C K V L R R H
G L S K G C F G L K L D R I G S M S G L G C

Cys-Phe-Gly-Xaa-Xbb-Xcc-Asp-Arg-Ile-Gly-Xdd-Xee-Ser-Xff-Xgg-Gly-Cys

Xaa=Leu, Ile, Val; Xbb=Lys, Leu, Met; Xcc=Leu, Ile, Ala, Val;
Xdd=Ser, Ala, Gly, Thr, Asn; Xee=Met, Ala, Lys, Trp; Xff=Gly, Lys, Ala, Leu; Xgg=Leu, Met